

**South Delta Improvements
Presentation
December 7, 1998**

**Stage 1 Implementation
Options**

- Interim Increase to 8500 cfs SWP Export Cap
- Current Refined DWR Program: Build on DEIR/EIS
- Expanded Analysis: CALFED Long-Term Options, i.e. Delta Storage -- New EIR/EIS Process

**Getting to 8500 cfs Export
Cap**

- Nature of Current 8500 cfs Cap
- Need NEPA, ESA, Corps Section 10 (Navigation) Permit, Public Interest Review
 - Draft Supplement to 1996 DEIR/EIS
 - Final EIR/EIS in 1999
- Extend Temporary Barriers Program
- Implement in 2000; Sunset at End of Stage 1

**Getting to 10,300 cfs Export
Capacity**

- New Screened Intake with Modified Inflows: Less Scour, More Stage Impacts, Reduced Predation Losses
- Channel Dredging in Old River
- Permanent Operable Ag Barriers and Fish Barrier
- Need Supplement EIR/EIS, NEPA, CEQA, 404 etc.
- Timing to Meet CALFED Stage 1 Goals

Ag Barrier Issues

- Fishery Concerns: Direct and Indirect Effects
- At Least 2 Essential for Stages Mitigation
- Grant Line Canal Barrier Options
 - Minimize Impacts: Limited Operations, East
 - Alternative: Dredging and Relocating Intakes
- Other Concerns: Circulation, DO, Salinity, Navigation, Economics

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Evaluation Process

- Focus on Barriers
 - New Model Studies: Net Flows, Local Stage, Velocity, Flow
 - New Screened Intake, 3 Barriers or 2 Barriers plus Dredging
 - Minimize Barrier Op Impacts
- Summarize Water Quality Effects
- Summarize Biological Monitoring
- Meet 12/14/98 9 am- 1 pm